OVERVIEW OF

RISK MANAGEMENT SYSTEM

ONLINE TRADING SYSTEM

A PART OF
KCOMPUTE WINNING™ BROKERAGE SUITE

Windows   SmartPhones   WWW   PDAs

RISK MANAGEMENT SYSTEM
ONLINE TRADING SYSTEM
A PART OF KCOMPUTE XMS® SUITE

INTRODUCTION

Our target is always to provide unbiased and best solutions by allowing our clients to exploit our topnotch expertise. Not only our expertise but also our technological levels and innovational thrill is at the disposal of our clients who we believe derive our services

We seek and look forward for arenas of not only our growth but also the growth for our client, which leads to development of synergic and mutual long-term relationships.

SOLUTION OVERVIEW

Risk Management for a Brokerage House comprises of planning and enforcing counter safety measures for losses on trades being required to be made by customers of the brokerage house.

Scope of Risk Management is not limited to trading policies and procedures, but can also be expanded to aging of accounts receivable, accounts payable, receipts and payments, getting confirmations of trades from customers via Email, SMS or telephone.

The system is designed to be highly scalable and allows you and your customers to perform trading activities from any part of the world either from home, office or during traveling.

The Risk Management System sits in the center of all these activities and analyzes business rules, manages client wise exposure levels, trading related policies, manages security rules and connectivity policies and performs pre-defined counter safety measures.

TECHNOLOGY OVERVIEW

The system is built on the latest industry standard, scalable operating system **Microsoft Windows®**. With inherent advance features of **Microsoft .NET Framework** as its development platform, the product and User Interface is efficient, extremely fast, and easy to install. It also allows ease of entry, navigation and configuration of resources and devices.
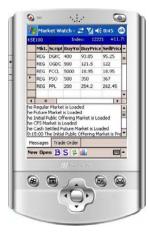
The mobile based application running on SmartPhones/PDAs can run on either **Symbian®** or **Windows Mobile** operating systems. It communicates with the Central Server via mobile internet over **GPRS**.

Selecting a scalable and dynamic Database Management System i.e. **Oracle or SQL Server** this software package will be capable of handling large volume of data with high-speed access, reliability and security and to establish distributed database architecture among different branches.

RISK MANAGEMENT SYSTEM – COMPONENTS

Customer Portfolio Management

This system provides an interface to view/search/analyze and calculates customer's holding and its net worth.

Personal Portfolio Manager and Market Watch Mobile Based

Customers will be able to view live Market Feed filtered by scripts of their choice. Customers can also be able to view their current Portfolio and holdings at your organization and will be able to see their net worth and trade limits.

The feature rich interface, also helps a customer keep track of profitability of his/her holdings and updates it as each buy/sell transaction takes place. The profit/loss is compared with current market prices.

Pre-Trade Risk Management System

This system examines each trade in real-time and verifies it using various filters before it passes the trade to Clearing House i.e. ISE/LSE/KSE. These filters can only be applied to trades that are going to be passed through the integrated Gateway based Trading Server.

Post-Trade Risk Management System

This system will report transactions that should not have passed to the clearing house. These are trades which were not passed using the integrated Gateway based Trading Server.

Business Risks Monitor

This system will monitor and report a vast range of business operations and highlight those transactions which are found to go outside the safety boundary. This is accomplished by monitoring database tables and views of existing applications in the organization.

ONLINE TRADING SYSTEM – COMPONENTS

Trade Server
This system manages all trade requests and responses between an agent/broker/customer and the Clearing House. All trades entered by authorized users would be first sent to Pre-Trade Risk Management System for verification and then forwarded to ISE/LSE/KSE using their Order Management System (OMS) Gateway.

Message Server
This server broadcasts various trading and market information messages to its connected clients. Each connected client can be configured to receive the type of messages and communication protocol.

Workstation Access Server
This server allows your organization's authorized workstation to connect to the main Trade and Message server. The workstations can be any of the following types:
- Branches
- Home based Customers
- Mobile based Customers, and
- any online branch or customer

All connections are logged and can be monitored for troubleshooting and performance management.

Trade Confirmation Server
This automated facility sends trade confirmations to its clients using **SMS** and/or email. Each customer can be configured to receive the mode(s) of confirmation message. Messages are queued for delivery when a trade confirmation is received from the clearing house. This service can also be configured and customized for other business operations for e.g. Payment Receipts, Deliveries, and Reminders etc.